

Converting Colors

$Y_{xy}(52.7171, 0.3824, 0.3172)$

Have a look what the booklet for
Yxy(52.7171, 0.3824, 0.3172)
contains.

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Color

Yxy(52.5606, 0.3824, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8B4
RGB	255, 168, 180
RGB Percent	100%, 66%, 71%
CMY	0.0000, 0.3412, 0.2942
CMYK	0.00, 0.34, 0.29, 0.00
HSL	352°, 100%, 83%
HSV	352°, 34%, 100%
XYZ	63.4844, 52.5606, 49.9708
YIQ	195.3810, 48.0000, 22.1760

Conversions

Conversions Part 2

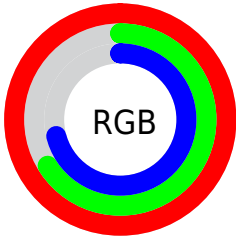
Format	Color
R _Y B	255, 168, 180
Decimal	16754868
CIE _{Lab}	77.61, 33.55, 7.13
CIE _{LCh}	78, 34.303, 12.005
Yxy	52.5606, 0.3824, 0.3166
Android (android.graphics.Color)	4294944948 (0xFFFFA8B4)
YUV	195.3810, -7.5828, 52.2859
Hunter-Lab	72.4987, 29.4332, 9.8826

Details

The Yxy color **52.5606, 0.3824, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3167, 0.2699, 0.3421**, and the grayscale version is **54.8347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6274, 0.3266, 0.3172**, and **25.5295, 0.4014, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **43.2235, 0.4140, 0.3131**, and if you desaturate by 10%, it is **63.8840, 0.3564, 0.3204**.

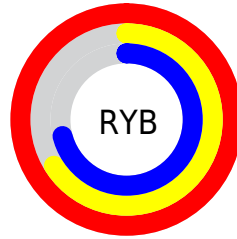
Distribution



Red (100%)

Green (66%)

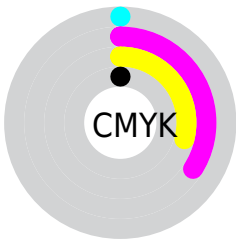
Blue (71%)



Red (100%)

Yellow (66%)

Blue (71%)

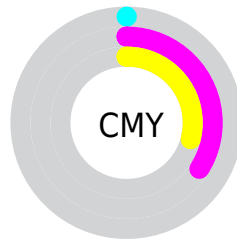


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5606, 0.3824, 0.3166 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 52.5606, 0.3824, 0.3166 by changing the saturation by 10% instead.

 52.5606, 0.3824,
0.3166


 52.5606, 0.3824,
0.3166


396.5970, 0.3480,
0.3233

 37.4521, 0.3908,
0.3148

 93.9575, 0.3700,
0.3191

 25.5577, 0.4015,
0.3125


 121.0147, 0.3653,
0.3200

 16.4931, 0.4156,
0.3092


152.8235, 0.3614,
0.3208

 9.8737, 0.4348,
0.3046

189.7685, 0.3579,
0.3214

 5.3153, 0.4626,
0.2974

232.2339, 0.3550,
0.3220

 2.4334, 0.5059,
0.2849

280.6042, 0.3524,

 0.8430, 0.5990,

0.3225

0.2679

335.2638, 0.3501,
0.3229

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5606, 0.3824,
0.3166

52.5606, 0.3824,
0.3166

43.2235, 0.4140,
0.3131

63.8840, 0.3564,
0.3204

35.7603, 0.4515,
0.3103

77.3023, 0.3355,
0.3241

30.0433, 0.4940,
0.3088

92.9128, 0.3186,
0.3276

25.9297, 0.5384,
0.3094

100.0000, 0.3127,
0.3290

■ 23.2543, 0.5796,
0.3126

■ 21.8156, 0.6118,
0.3182

■ 21.3821, 0.6251,
0.3217

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.5606, 0.3412, 0.2843



52.5606, 0.3824, 0.3166



52.5606, 0.4037, 0.3534

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.5606, 0.3824, 0.3166



52.5606, 0.3258, 0.4086



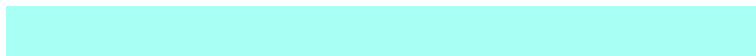
52.5606, 0.2328, 0.2653

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.5606, 0.3824, 0.3166



86.3167, 0.2699, 0.3421

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.5606, 0.2296, 0.2938



52.5606, 0.3824, 0.3166



52.5606, 0.2810, 0.3808

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5606, 0.3824, 0.3166



52.5606, 0.3689, 0.4095



52.5606, 0.2465, 0.3364



52.5606, 0.2555, 0.2551

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5606, 0.3824, 0.3166



52.5606, 0.4030, 0.3770



52.5606, 0.2465, 0.3364



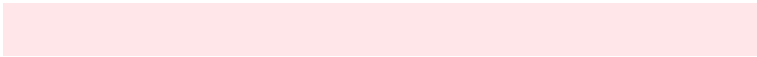
52.5606, 0.2295, 0.2728

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.5597, 0.3824, 0.3166



83.4597, 0.3281, 0.3256



54.0934, 0.3062, 0.2413



17.4050, 0.3306, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5597, 0.3824, 0.3166



45.9279, 0.4035, 0.3141



64.6811, 0.3828, 0.3609



18.0278, 0.3273, 0.3258



11.1850, 0.6223, 0.3202



1.1009, 0.5964, 0.3059

Inverse Universe

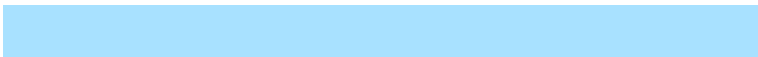
The Inverse Universe completely reimagines the original color for something new.



52.5597, 0.3824, 0.3166



45.9279, 0.4035, 0.3141



69.1521, 0.2597, 0.2944



18.0278, 0.3273, 0.3258



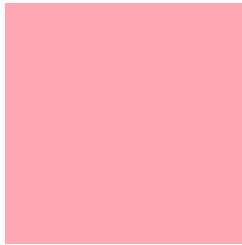
11.1850, 0.6223, 0.3202



1.1009, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 52.5606, 0.3824, 0.3166 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 52.5606, 0.3824, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5606, 0.3824, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 52.5606, 0.3824, 0.3166.



This preview shows how white text looks on a background with the Yxy color 52.5606, 0.3824, 0.3166.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.5606, 0.3824, 0.3166

Protanopia

52.7140, 0.3145, 0.3265

Deuteranopia

52.4712, 0.3459, 0.3386



Tritanopia

52.6015, 0.3814, 0.3155

Trichromacy



Original Color

52.5606, 0.3824, 0.3166



Protanomaly

52.2495, 0.3379, 0.3232



Deuteranomaly

52.2775, 0.3588, 0.3303



Tritanomaly

52.6015, 0.3814, 0.3155

Monochromacy



Original Color

52.5606, 0.3824, 0.3166



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.1673, 0.3359, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5606, 0.3824, 0.3166 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.5606, 0.3824, 0.3166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 168, 180) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 168, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5606, 0.3824, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
168, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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